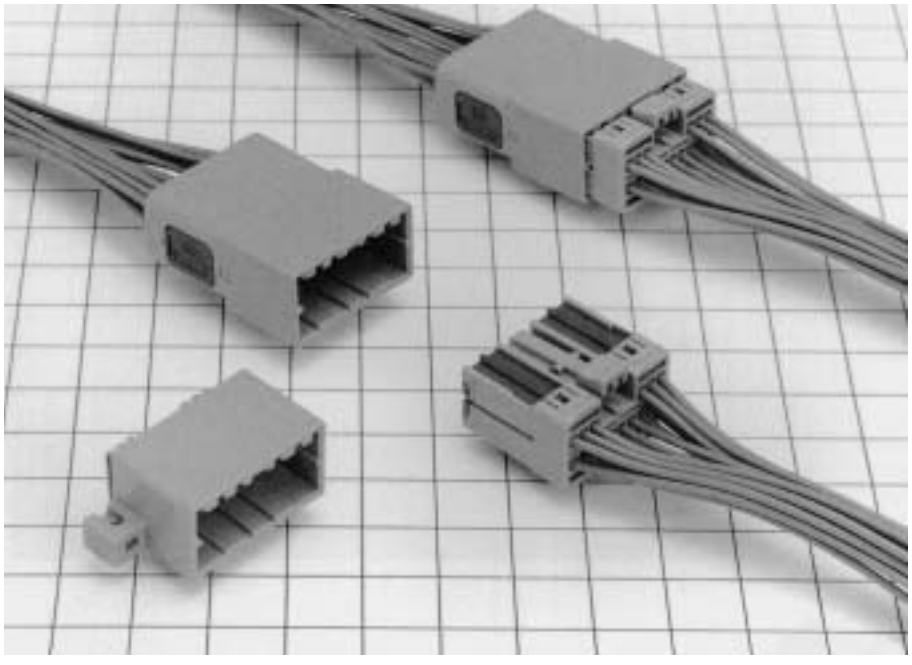
查询GT10-16DP-DS供应商



# GT10 Series

## — Subminiature ECU Interface Connectors —

<2 mm Pitch>

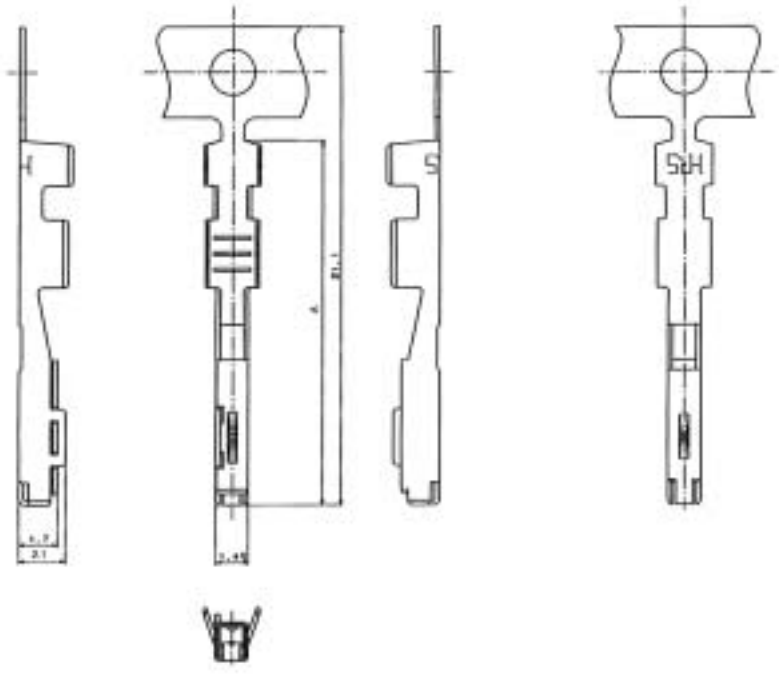


## Features

- Subminiature: with respect to existing 040 connectors.
- Front retainer design prevents incomplete insertion.

# F Connectors

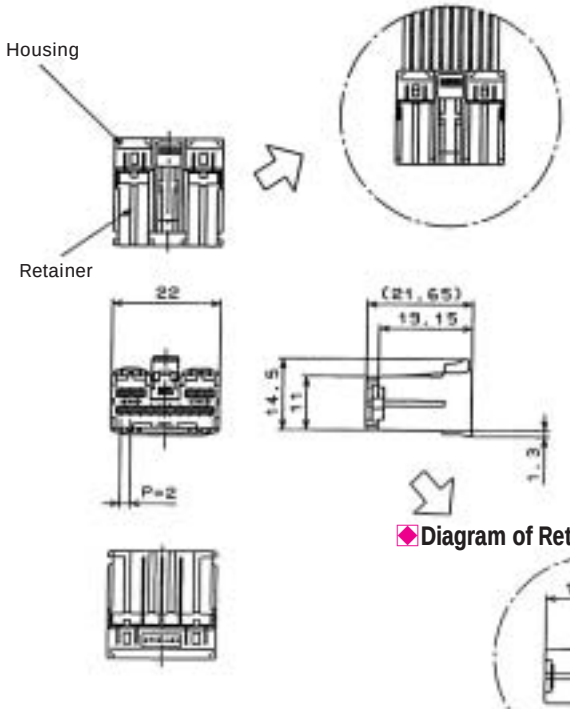
## ● Center Terminals



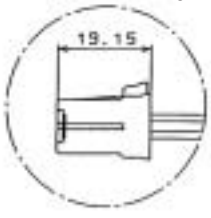
| Part Number | CL No. | A | Conductor Size (AWG) | Outer Diameter | Material | Finish | Packaging |
|---|---|---|---|---|---|---|---|
| GT10-2022SCF | 760-0003-0 | 16, 1 | #20 to 22 | 1.1 to 1.3 | Copper alloy | Tin plating | 10,000 pcs. per reel |
| GT10-2428SCF | 760-0009-6 | 15, 1 | #24 to 28 | 0.8 to 1.1 | | | |

## ● Housing (with Retainer Provisionally Mounted)

◆Diagram of Retainer Fully Mounted




◆Diagram of Retainer Fully Mounted

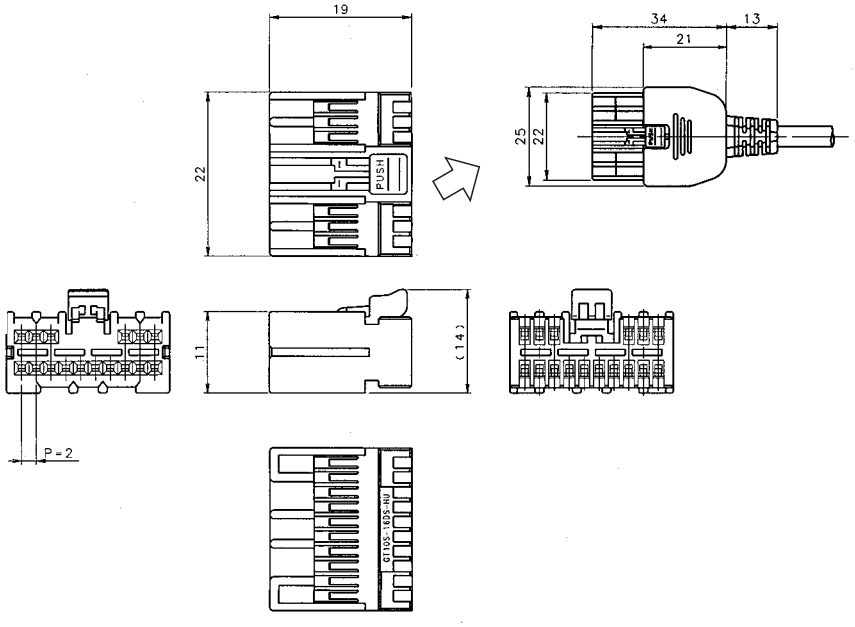



| Part Number | CL NO. | Item | Material | Color |
|---|---|---|---|---|
| GT10-16DS-HU | 760-0002-7 | Housing | PBT | Light gray |
| | | Retainer | PBT | Dark gray |

Note: This product has the retainer provisionally mounted to the housing.
To use, fully mount the retainer at the specified position after the terminals have been inserted.

# GT10S Series Type with Cover

## ● Housing

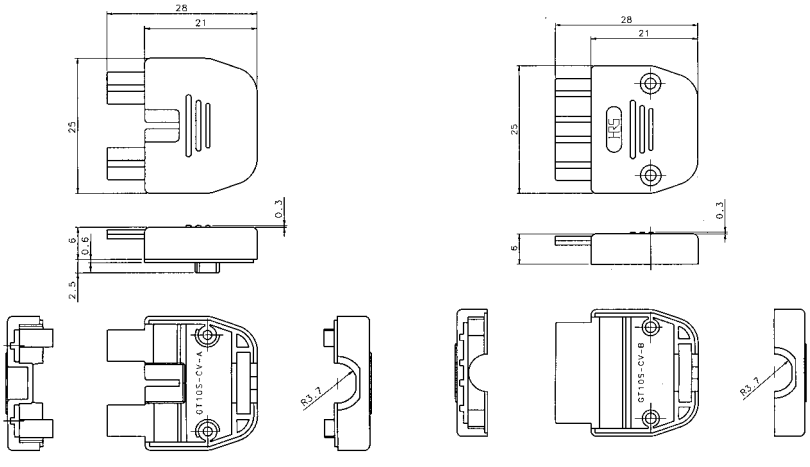



◆View with Cover Attached

| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10S-16DS-HU | 760-0007-0 | PBT | Light gray |

Note: This product should be used with the cover attached to the housing.

## ● Cover



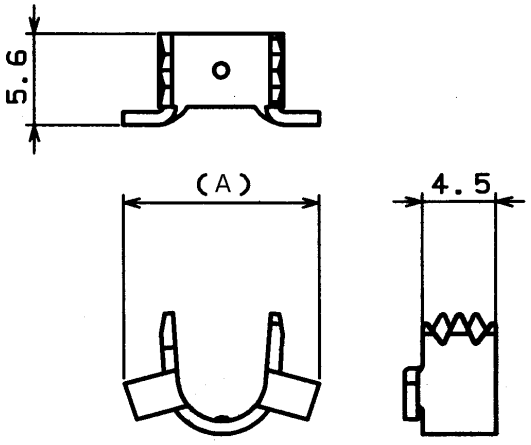

**Cover A** **Cover B**

| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10S-16DS-CV | 760-0008-3 | PC | Black |

Note 1: This product can be used with cables having outside diameters of 4, 4.8, and 5.2 mm.
Please use as a set in conjunction with clamp fittings and bushings that suit the cable.

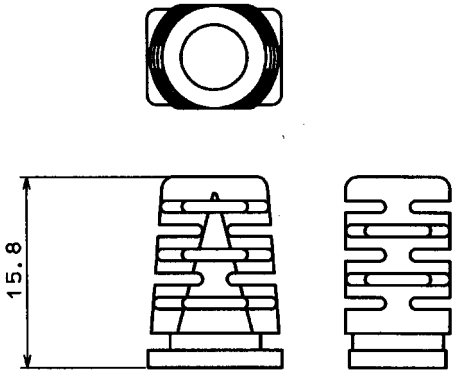
Note 2: This product is sold as a set with cover A, B, and screws.

## ● Clamp Fittings




| Part Number | CL No. | Material | A | Outer diameter of the cable |
|---|---|---|---|---|
| MQ138-CM (4.0) | 206-0891-7 | Brass | 9 | 4.0 |
| MQ138-CM (4.8) | 206-0684-2 | | 11.3 | 4.8 |
| MQ138-CM (5.2) | 206-0664-5 | | 12 | 5.2 |

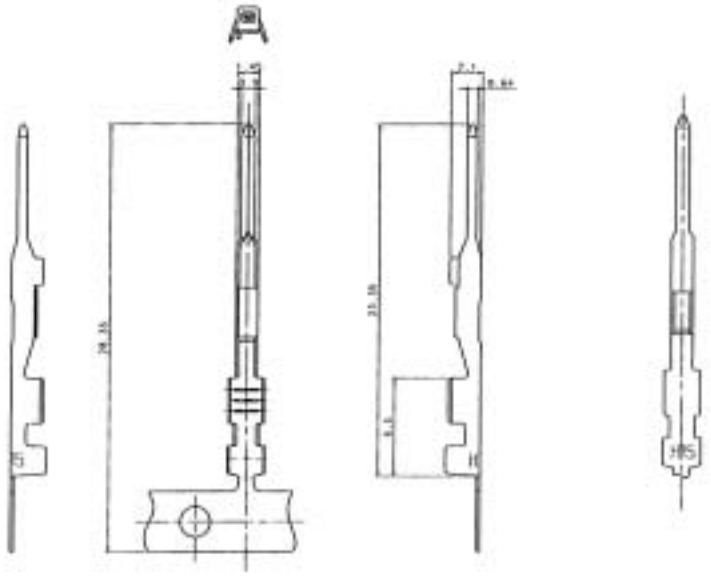
## ● Bushings




| Part Number | CL No. | Material | Color | Outer diameter of the cable |
|---|---|---|---|---|
| MQ138-BS (4.0) (01) | 206-0890-4-01 | PCV | Black | 4.0 |
| MQ138-BS (4.8) (01) | 206-0683-0-01 | | | 4.8 |
| MQ138-BS (5.2) (01) | 206-0662-0-01 | | | 5.2 |

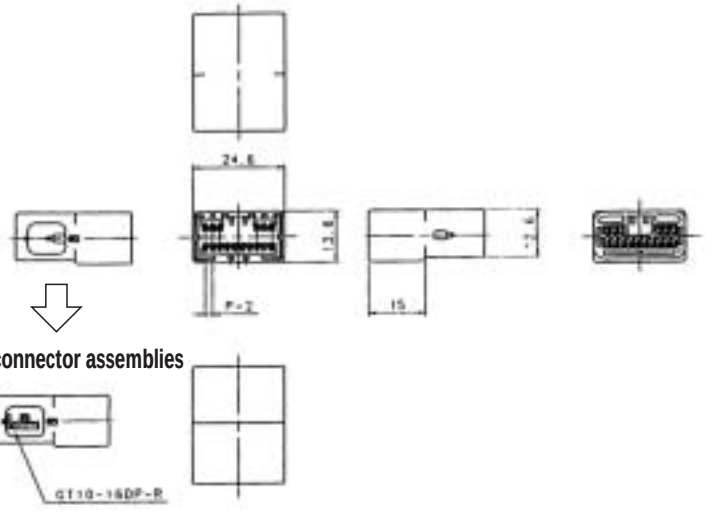
# M Connectors

## ● Terminals



| Part Number | CL No. | Material | Finish | Packaging |
|---|---|---|---|---|
| GT10-2022PCF | 760-0006-8 | Brass | Tin plating | 10,000 pcs. per reel |

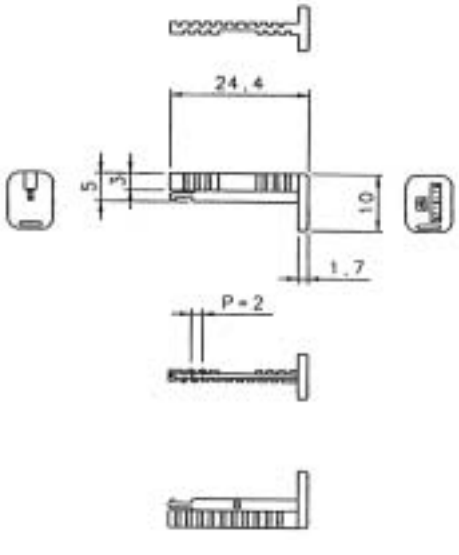
## ● Housing




◆Fully mated connector assemblies

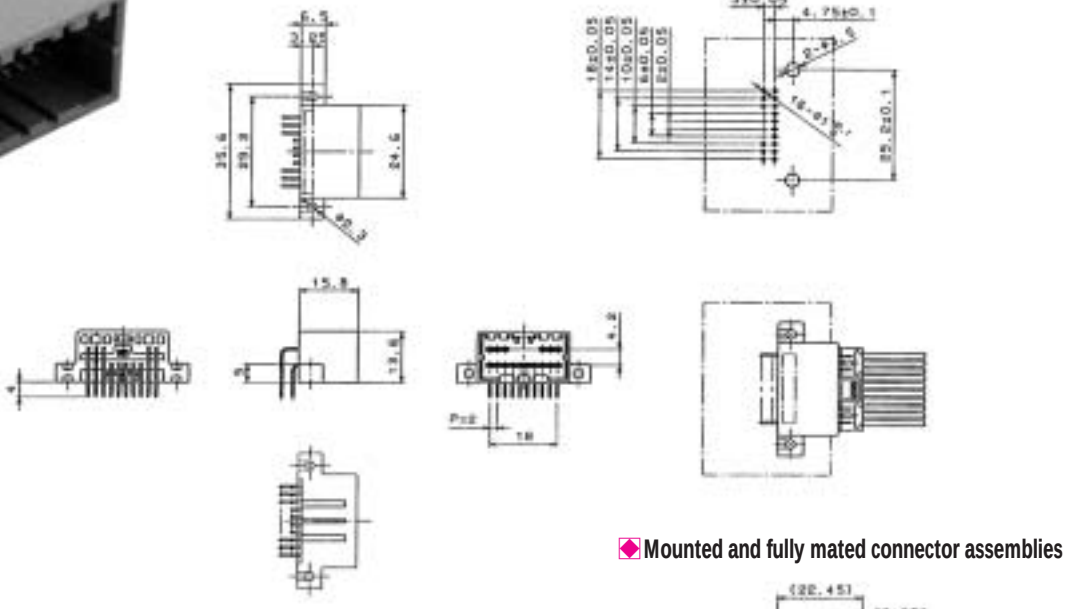
| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10-16DP-HU | 760-0004-2 | PBT | Light gray |

## ● Retainer (Exclusively for GT10-16DP-HU)




| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10-16DP-R | 760-0005-5 | PBT | Dark gray |

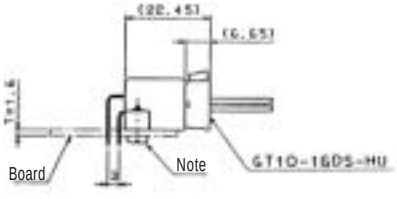
## ● Board Type



### ◆Recommended Board Mounting Pattern



### ◆Mounted and fully mated connector assemblies

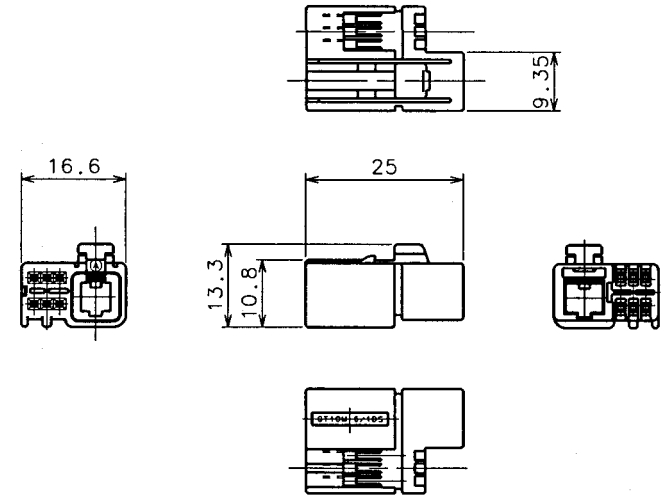



| Part Number | CL No. | Item | Material | Finish | Color |
|---|---|---|---|---|---|
| GT10-16DP-DS | 760-0001-4 | Housing | PBT | — | Light gray |
| | | Terminal | Brass | Tin plating | — |

Note: Use mounting screws of M3 with nominal diameter 3L-6 (for a board thickness of 1.6mm).

# GT10 Series Hybrid Type

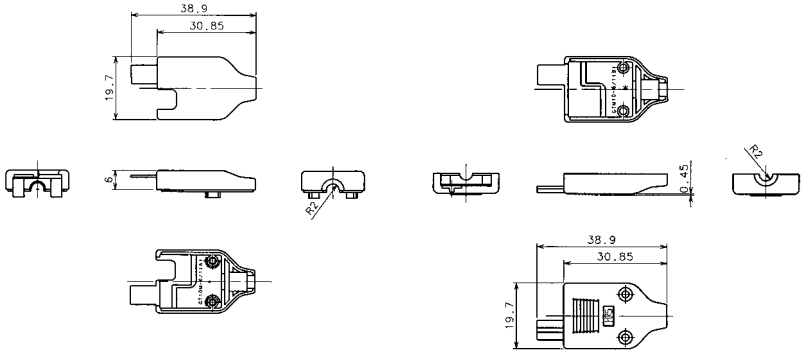
## F Connectors



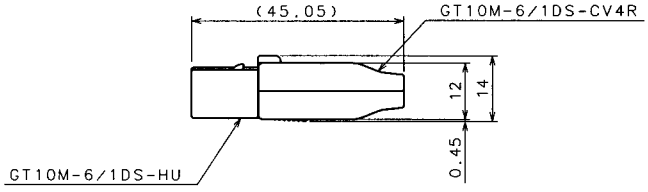

| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10M-6/1DS-HU | 760-0010-5 | PBT | Light gray |

Note: Accepts GT5-30/0.7-1.5SCF terminals.

### ● Cover



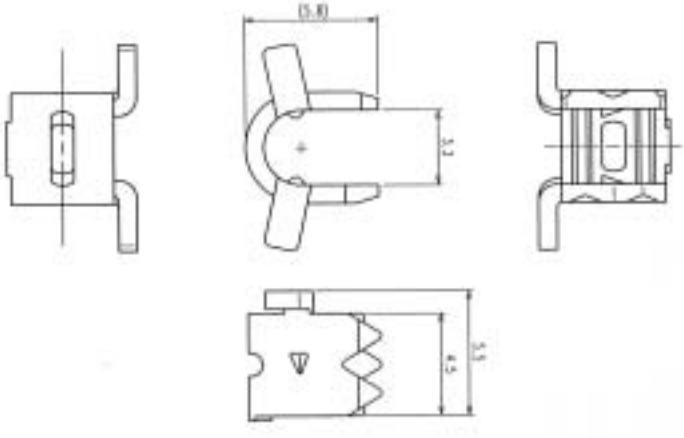

**◆Diagram of Retainer Fully Mounted**




| Part Number | CL No. | Material | Color |
|---|---|---|---|
| GT10M-6/1DS-CV4R | 760-0012-0 | PC | Black |

This product is sold as a set of cover and screws.

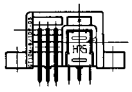
### ● Clamp Fittings

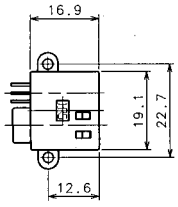


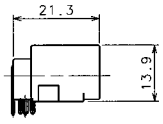

| Part Number | CL No. |
|---|---|
| GT10M-CM (3.3) | 760-0013-3 |

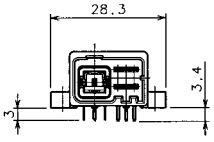
# F Connectors

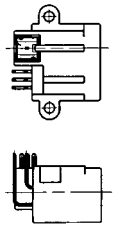
## ● Board Type



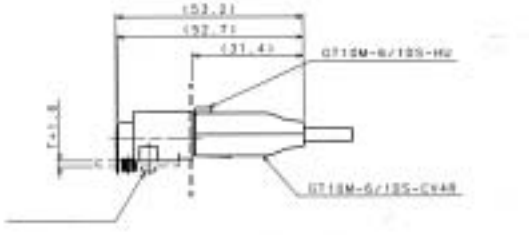


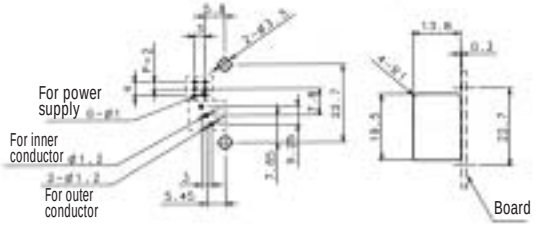



◆Mounted and fully mated connector assemblies



◆Recommended Board Mounting Pattern ◆Recommended Panel Cut-out




| Part Number | CL No. | Item | Material | Finish | Color |
|---|---|---|---|---|---|
| GT10M-6/1DP-DS | 760-0011-8 | | PBT | | Light gray |
| | | | Brass | Tin plating | |
| | | | PBT | | Light gray |
| | | | Brass | Tin plating | |
| | | | Phosphor bronze | Tin plating | |

Note: Use mounting screws of M3 with nominal diameter 3L-6 (for a board thickness of 1.6mm).

# ◆ Termination tools

User's manuals are available. Please contact your Hirose Electric account representative.

## ● Automatic Crimping Machine

Part Number CM-105

**Specifications**

| Item | Specification | Remarks |
|---|---|---|
| Specification | 1.5tons | |
| Stroke Length | 30mm | |
| Number of strokes | 200spm (50Hz) | 240spm (60Hz) |
| Weight | 75kg | |
| Motor | 0.2kw | AC100V |
| Crimping speed | 2,000 to 4,000 pcs. per hour | |